# Use Attainability Analysis

for

WBID 0253 Davis Creek Ditch

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program

l ∈D

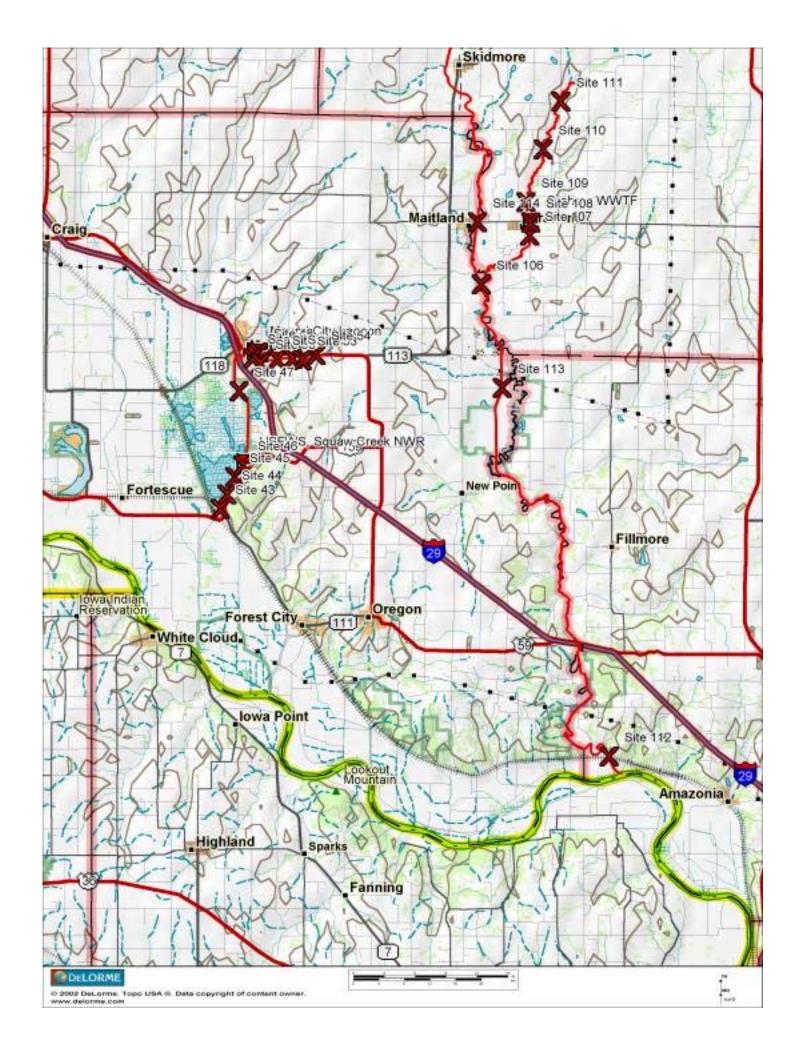
APR / 6 2005

### Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet A - Water Body Identification

WATER PROJECTION PROGRAM

Water Body Name:	
(from USGS 7.5' quad) DAVIS CAUER DITCH ! 43-48	
į.	· · · · · · · · · · · · · · · · · · ·
8-digit HUC: । ०३ ५००० ५	
Missouri WBID #: 0253	
County: Cedah	
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates:	
(UGS 84, ddd.ddddd) 40 12970 -095.20369 Acc. 2164.	
Downstream Coordinates:	
(UGS 84, ddd.ddddd) 40 10441 - 045. 23589 Acc: 22 FL.	· · · · · · · · · · · · · · · · · · ·
Discharger Facility Name(s): USFWS, SOUAW CORES NWA	
Discharger Permit Number(s):	
Number of Sites Evaluated: 6	
Name of Surveyor and Telephone Number: CHAD BANDOWN: 410-356-	8113
Organization: TETRA TECH INC.	
Position: Associate Scientist	
I, the undersigned, hereby affirm to the best of my knowledge, that datasheet is true and accurate.	
Signed:Date	13-29-45



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 43 M	<b>-</b>		Site Location Description:  INDIAN ROLISQUAM CHEVIL NWR  Facility Name:			
Site GPS Coordinates:		·····				
Date & Time: 03-17-05						
Personnel: CHAO DASS	OUR, SERRAY PLAN	60°6™	Permit Numbe	M:		
Current Weather Condition	ions: SOF, PARTLY C	LOUGY, W3AD	Weather Cond	litions for Past 7 days:		
Photo Ids: Upstream:		vnstream:	Ot	her:		
Uses Observed*:						
☐ Swimming	☐ Skin diving	□ sc	UBA diving	C Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□Во	ating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	□ Fish	ning	☐ None of the above	D Other:	
			, , ,	to-documentation of evidence	,	
Surrounding Condition				l uses. Attach photos of evide	***************************************	
		promote or im		l uses. Attach photos of evide	***************************************	
Surrounding Condition tems of interest.)	ns*: (Mark all that )	promote or im	pede recreationa	l uses. Attach photos of evide	nce or unusual	
Surrounding Condition tems of interest.)	ns*: (Mark all that p	promote or im	pede recreations nservation lands forests	uses. Attach photos of evide	nce or unusual  Campgrounds	
Surrounding Condition tems of interest.)  □ City/county parks □ Boating accesses	*: (Mark all that )  Playgrounds  State parks  Fence	promote or im  MDC con	pede recreations nservation lands forests	l uses. Attach photos of evide.  □ Urban areas □ Nature trails	nce or unusual  Campgrounds	
Surrounding Condition tems of interest.)  City/county parks  Boating accesses  No trespass sign	*: (Mark all that )  Playgrounds  State parks  Fence	promote or im  MDC con  National	pede recreations nservation lands forests	l uses. Attach photos of evide.  □ Urban areas □ Nature trails	nce or unusual  Campgrounds	
Surrounding Condition tems of interest.)  City/county parks  Boating accesses  No trespass sign	Playgrounds State parks Fence	promote or im  MDC co  National Steep slo	pede recreationa nservation lands forests pes	uses. Attach photos of evide.  Urban areas  Nature trails  Other:	Campgrounds	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

JTR -03/17/05

September 29, 2004

#### Page Two - Data Sheet B for WBID #\_ Stream Morphology: Upstream View Physical Dimensions: ☐ Riffle Width (ft); Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): □ Run Length (ft): Avg. Depth (ft); Max. Depth (ft): Width (ft): ☐ Pool Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Flow Present? Estimated (ft<sup>3</sup>/sec): ☐ Yes □ No Downstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): □ Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): D Pool Longth (ft): Avg. Depth (ft): Max. Depth (ft): □ Flow Estimated (ft<sup>3</sup>/sec): Present? ☐ Yes □ No Substrate\*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics\*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky □ Chemical □ None C Other: Color: ☐ Clear ☐ Green ☐ Gray □ Milky ☐ Other: Bottom Deposit: ☐ Sludge □ Solids ☐ Fine sediments ☐ None Other: Surface Deposit: □ Oil ☐ Scum □ Foam □ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more

comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. A 1

Signed: Chamber	Date: 03-17-05
Organization: TOTAA TEH IM.	Position: Associate Scientist

September 29, 2004

JTR-03/17/05

### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 43	-ALTENANTE SITE	T LOCATTO	Site Location				
Site GPS Coordinates:	/48/0141W045.2358	4 Acc; 20.4 F	The KOVINGTON P	D. SOUAU CAGERIAMA			
Date & Time: 53-17-6	S,1200			Facility Name: USFUS, SQUAUCAGER NUM			
Personnel: CHAD BAN	bour Johnny P	~ئائىرە	Permit Numbe				
Current Weather Condi	tions: 500 F, PART	مار بعماد کا	240 Weather Cond	itions for Past 7 days:			
Photo Ids: Upstream:	"T"-	wnstream:		er: 1613-Dam			
ses Observed*:				<u> </u>	·		
					T		
Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping		Fishing	None of the above o-documentation of evidence	☐ Other:		
VERY ALLESSIBLE.	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	NEEK NA	<del>4</del> 72000 W 37601	ANNJA DOUADA BOE	CONTRACTOR (D)		
rrounding Condition		····		USes. Attach photos of evide	•		
VERY ALLESSIBLE.		promote or			•		
rrounding Conditions of interest.)	ons*: (Mark all that	promote or	impede recreational	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks	ns*: (Mark all that ☐ Playgrounds	promote or	impede recreational conservation lands	uses. Attach photos of evide	nce or unusual  □ Campgrounds		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	Playgrounds  ☐ Playgrounds ☐ State parks ☐ Fence	promote or MDC	impede recreational conservation lands	uses. Attach photos of evide  Urban areas  Nature trails	nce or unusual  □ Campgrounds		
rrounding Conditions of interest.)  City/county parks  Boating accesses	Playgrounds  ☐ Playgrounds ☐ State parks ☐ Fence	promote or  MDC Natio	impede recreational conservation lands	uses. Attach photos of evide  Urban areas  Nature trails	nce or unusual  □ Campgrounds		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	Playgrounds  ☐ Playgrounds ☐ State parks ☐ Fence	promote or MDC Natio	impede recreational conservation lands nal forests slopes	uses. Attach photos of evide  ☐ Urban areas ☑ Nature trails ☐ Other:	nce or unusual  ☐ Campgrounds ☐ Stairs/walkway		

other items that may be of interest. (Include photographs)

JAR 03/17/05

September 29, 2004

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Page Two - Data Sheet B for WBID # 43-ALTOMANIC > ATE LOCATION

Stream Morphology: Upstream View Physical Dimensions: 045,043,003,043,043,043,043,043 Width (ft): Length (ft): ☐ Riffle Avg. Depth (ft): Max. Depth (ft): Width (ft): 🐊 🦡 ☑ Run Length (ft): 20 m Avg. Depth (ft): U-01m Max. Depth (ft): Oct3m Width (ft): Length (ft): ☐ Pool Avg. Depth (ft): Max. Depth (ft): Estimated (ft³/sec): 4m=(3); 4m=(3s); 4m=(3s) **e** Flow Present? 2 Yes □ No FLOWS DIST MIS েত 61.0. a. a. 24. a.13. a. 16.0.10 Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): 1.64 🗹 Run Avg. Depth (ft): Original Length (ft): ⊋0,~ Max. Depth (ft): O.13m Width (ft): ☐ Pool Length (ft): Avg. Depth (ft): Max. Depth (ft): Estimated (ft3/sec): 4m=305; 4m=203; 4m=175 M Flow Yes Present? □ No FLOW F DIRAIS Substrate\*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt | 80 90 % Mud/Clay % Bedrock Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site) NONE Water Characteristics\*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical ☑ None ☐ Other: Color: ☑ Clear ☐ Green ☐ Grav ☐ Milky Other: Bottom Deposit: ☐ Sludge ☐ Solids Fine sediments □ None ☐ Other: Surface Deposit: □ Oil ☑ None ☐ Scum □ Foam ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Date: 03-17-05 Signed: Organization: TETNA TELLS INC. Position: ASSOCIATE SCHENTEST

JTR 03/17/05

September 29, 2004







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 44			Site Location I			
Site GPS Coordinates	40.05 344 6045,243	sus are: this fi	INDIAN AD, SQUAN CABER NWA.			
Date & Time: 63-17-0	5, 1100		Facility Name: USFUS SQUALV CA NWR			
Personnel: CHAD BAI	ነዕፅፊት, ቆሮሱዶሎን ጅ	OBJEN	Permit Numbe		· ····	
Current Weather Condition			Weather Conditions for Past 7 days:			
Photo Ids: Upstream: [	tor 1606 B Dov	vnstream: ///	14 14 15 7 9 Oth	er: 1607 -8040 Alo 4530	E STROAM.	
7						
Jses Observed*:	1					
Swimming	☐ Skin diving		UBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	<b>□ B</b> o	ating	Marking Car	Refting	
☐ Hunting	☐ Trapping			None of the above o-documentation of evidence	☐ Other:	
VERY ACCONTACE.	THIN SGVAW C	VALL VALL	,	IFE REPUCE, ALONG IN	.03#W F0 ,	
VERY ACCOUNTERS.			<b>3</b>	uses. Attach photos of evide		
VERY ACCONTRES.		promote or in	<b>3</b>			
Surrounding Conditions of interest.)	ns*: (Mark all that	promote or in	npede recreational	uses. Attach photos of evide	ence or unusual	
Surrounding Conditionems of interest.)  City/county parks	ns*: (Mark all that	promote or in	apede recreational onservation lands I forests	uses. Attach photos of evide	ence or unusual  Campgrounds	
Surrounding Conditionems of interest.)  City/county parks  Boating accesses	□ Playgrounds □ State parks □ Fence	promote or in MDC co	apede recreational onservation lands I forests	uses. Attach photos of evide  Urban areas  Nature trails	ence or unusual  Campgrounds	
Surrounding Conditioners of interest.)  City/county parks  Boating accesses  No trespass sign	□ Playgrounds □ State parks □ Fence	pronsote or in MDC co Nationa	apede recreational onservation lands I forests	uses. Attach photos of evide  Urban areas  Nature trails	ence or unusual  Campgrounds	
Surrounding Conditionems of interest.)  City/county parks  Boating accesses  No trespass sign	□ Playgrounds □ State parks □ Fence	promote or in  MDC co Nationa  Steep slo	npede recreational onservation lands I forests opes	uses. Attach photos of evide  Urban areas  Nature trails  Other:	campgrounds ☐ Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

ONR- 03/17/05

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Page Two - Data Sheet B for WBID # 44

September 29, 2004

☐ Riffle	Width (f	t):	Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
<b>⊠</b> Run	Width (f	1): 2:6~	Length (ft): 2	im 1	Avg. Depth	(ft): 0.10.70	Max. Dopth (ft):	0.14m
□ Pool	Width (f	t):	Length (ft):		Avg. Depth		Max. Depth (ft):	
☑ Flow	Present?	<b>☑</b> Yes	□ No	I	Estimated (f	t³/sec)։ Կ. <sub>-</sub> ։	195 : 44=155: 4m=f45.	<u></u>
_		<del></del>					F10W= 0.35 m15	<u> </u>
			Dimensions: 44					J
Riffle	Width (f	t): —-	Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (f	): <sub>7.5 ~</sub>	Length (ft):	کائم ا	Avg. Depth	(ft): 0.11 🔨	Max. Depth (ft):	6.02m
□ Pool	Width (f	i):	Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	··
☑ Flow	Present?	<b>亚</b> Yes	□ No	Į.	Estimated (f	t³/sec): ५.५:	115; 42=105; 42=115	··
							FLOW : 0.38mls	·
	(These va Cobble		dd up to 100%.) Gravel	% Sand	15	% Silt	45 6 16 16	<del></del>
	COOOL		- Chavet	N Saint	<u> </u>	76 SIII	85 % Mud/Clay	% Bedro
NOME.			ont of vegetation or	algal growt	h at the asse	ssment site)		
None, iter Chara	cteristi	CS*: (Mark	ail that apply.}					
nter Chara Odor:	cteristi	cs*: (Mark □ Sewage	ail that apply.)	☐ Chen	nical	@ None	□ Other:	
none.  ater Chara Odor: Color:	cteristi	cs*: (Mark ☐ Sewage ☐ Clear	ail that apply.) □ Musky ☑ Green	□ Chen	nical			
ter Chara Odor: Color: Bottom Dep	osit:	cs*: (Mark □ Sewage	ail that apply.)	□ Chen	nical	@ None	□ Other:	
ter Chara Odor: Color: Bottom Dep Surface Dep	osit:	CS*: (Mark  ☐ Sewage ☐ Clear ☐ Sludge ☐ Oil	afl that apply.)  Musky Green  Solids  Scum	☐ Chen☐ Gray☐ Fine☐ Foan	nical sediments	☐ None ☐ Milky ☐ None ☑ None	☐ Other: ☐ Other: ☐ Other: ☐ Other:	
der Chara Odor: Color: Bottom Dep Surface Dep mments: P is information prehensive undersi sion on the re the undersi asheet is to	osit: Please at a derstander stander s	Cs*: (Mark  Sewage  Clear  Sludge  Oil  tach additi be used soliting of water use analysis  ereby affi	all that apply.)  Musky Green  Solids Scum  Onal comments ely for removal of a conditions. Conse but may point to comment to the best of	☐ Chen☐ Gray☐ Fine☐ Foam☐ (including a recreational quently, this onditions that	sediments information information to need furth	☑ None ☐ Milky ☐ None ☑ None ion from in ation but rain is not interer analysis of that all information in the content of the	Other: Other: Other: Other: Other: thereis to provide a more add to directly influence a rethat effect another use,	
nter Chara Odor: Color: Bottom Dep Surface Dep mments: P is information prehensive u ision on the re	osit: Please at a derstander stander s	Cs*: (Mark  Sewage  Clear  Sludge  Oil  tach additi be used soliting of water use analysis  ereby affi	all that apply.)  Musky Green  Solids Scum  Onal comments ely for removal of a conditions. Conse but may point to comment to the best of	☐ Chen☐ Gray☐ Fine☐ Foam☐ (including a recreational quently, this onditions that	sediments information information to need furth	☐ None ☐ Milky ☐ None ☐ None ☐ non from in ation but rain is not interer analysis of	Other: Other: Other: Other: Other: thereis to provide a more add to directly influence a rethat effect another use,	







# Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 45	<b>-</b>		Site Location Description:  - INDIAN RD. WITHIN SQUAW CARRE NWA.  Facility Name: USFWS, SQUAVCARRE, NWA.				
Site GPS Coordinates	140.06366 Ways.2	3176/ac=45/4					
Date & Time: 03-17-0		<u></u>					
Personnel: CHAD DAY	DOUR, JEHANY RUE	55EN	Permit Number:	Permit Number:			
Current Weather Core	litions: 50°F, 2, vny	, W JADY	Weather Condit	ions for Past 7 days:			
Photo Ids: Upstream:	16020 Do	wnstream:   {	0315 Othe	T: 1604 - ROAD NEST TO S	180Am.		
ses Observed*:							
☐ Swimming	☐ Skin diving	□ so	CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□Во	ating	₩eding C&P	☐ Rafting		
☐ Hunting	☐ Trapping	□ Fis	shing	None of the above	☐ Other:		
SITE WITHIN 69	nder of individuals re	T v j sv. 61	LOLAFE AGEV	-documentation of evidence G-C・サマトヤ Adc-C33336L0	of recreational uses, etc.)		
Urrounding Conditi	VAV CREEK NAT:	T V Jav. 61	-DLAFF AGEV	ess. Attach photos of evidence	FINERT TO ROAD		
Urrounding Conditi	VAV CREEK NAT:	promote or in	-DLAFF AGEV	GG, VORY Adocts 2 & LO	nce or unusual		
urrounding Conditions of interest.)	ons*: (Mark all that	promote or in	npede recreational conservation lands	ses. Attach photos of eviden	FINERT TO ROAD		
urrounding Conditions of interest.)	ons*: (Mark all that	promote or in	npede recreational conservation lands	uses. Attach photos of eviden	nce or unusual  Campgrounds		
urrounding Conditions of interest.)  City/county parks  Boating accesses	ons*: (Mark all that  Playgrounds  State parks	promote or in    DMDC co	npede recreational conservation lands	uses. Attach photos of eviden  Urban areas  Nature trails	nce or unusual  Campgrounds		
STTG WTTHIN 69  Urrounding Conditions of interest.)  UCity/county parks  □ Boating accesses □ No trespass sign	ons*: (Mark all that  Playgrounds  State parks	promote or in    MDC co	npede recreational conservation lands	uses. Attach photos of eviden  Urban areas  Nature trails	nce or unusual  Campgrounds		
SITG WITHIN 69  urrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ons*: (Mark all that  Playgrounds  State parks  Fence	promote or in    MDC co	npede recreational unservation lands	uses. Attach photos of evidence Urban areas  U Nature trails  Other:	nce or unusual  Campgrounds  Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

JTR - 02/17/05

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Page Two – Data Sheet B for WBID # 45:

tream Mor Upstream			mensions: 0.41	8.90, 9.91, 8.51, 8.5	50 m	•	
□ Riffle	Width (1		Length (ft):	Avg. Depth	· · · · · ·	Max. Depth (ft):	········
☑ Run	Width (f	t): 1.5~	Length (ft): n d	Avg. Depth	(ft): 0,49m	Max. Depth (ft):	2.51m
□ Pool	Width (f		Length (ft):	Avg. Depth		Max. Depth (ft):	<u>`</u>
☑ Flow	Present?	☑ Yes	□ No	Estimated (	ft³/sec): ५७५ =	2001 4m= 2101 4m= 22	<u> </u>
Downstre	am Vie	w Physical	Dimensions: 4.	54,0.50,0.50,0.40		FLOWE OHAMIS	
☐ Riffle	Width (f	i):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☑ Run	Width (f	i): 1.5 ~	Length (ft): 90	Avg. Depth	(ft): 0, 43 <sub>m</sub>	Max. Depth (ft): 0	)·54m
□ Pool	Width (f	t):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	•
☑ Flow	Present?	☑ Yes	□ No	Estimated (1	ft <sup>3</sup> /sec): 4 <sub>A151</sub>	45) 4m=14s; 4m=12s	·
hstrate*•	(These v	ilues should	add up to 100%.)			Flow = 0,30 mls	J
	Cobble		b Gravel	% Sand 20	% Silt	& % Mud/Clay	% Bedrock
ater Chara Odor:		lcs*: (Mark □ Sewage	all that apply.)   Musky	☐ Chemical	None	□ Other:	
Odor:		☐ Sewage	□ Musky	☐ Chemical	None	☐ Other:	
Color:		☐ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:	
Bottom De	posit:	□ Słudge	☐ Solids	Fine sediments	□ None	☐ Other:	
Surface De	posit:	□ Oil	□ Scum	□ Foam	□ None	☐ Other:	
ois information inprehensive ision on the	on is not t understan recreation signed, l	o be used sol ding of water use analysis	lely for removal of a r conditions. Consect but may point to co irm to the best o	recreational use designmently, this information additions that need furth from knowledge, t	nation but ration is not intended analysis of that all info	terviews) to this form.  ter is to provide a more ded to directly influence a that effect another use.  The provide a more of the following th	
	. Tra	NA TITLU	744.	Positio			
	ther 29. 7			- 03/17/05		VIR	

September 29, 2004







### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: Ц			Site Location	Site Location Description:  TYY ARRO SURPAN WITHIN SQUAR CARRIE			
Site GPS Coordinates:	<u>"</u> 40.07043,4046.2	3113 Mel 244	AVI PORD	NATIONAL WHICHTER REPORT			
Date & Time: 03-17-05	5, 10/20.			Facility Name: USFUS SQUAWCAGER AVA  Permit Number:			
Personnel: Citao bar	NOOR DERAMY	hobuen					
Current Weather Condition			Weather Cond	litions for Past 7 days: DRY,	40° F		
Photo Ids: Upstream:	5480 Do	wnstream: ;	1	אנטפנע פאדטטיב ש- 1900 או			
es Observed*:					<u> </u>		
Swimming					T		
·	☐ Skin diving		CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	· <del></del>	loating	Wading Con	Rafting		
☐ Hunting	☑ Trapping co	_   _ F	ishi <b>ng</b>	✓ None of the above	D Other:		
Site lacator wi	ber of individuals red	creating, free	quency of use, pho	to-documentation of evidence	e of recreational uses, etc		
rounding Condition	METAN WEHT	1AL WALE	LIFE NEFVLE	to-documentation of evidence  VEXT To 1+5-1-4-10  uses. Attach photos of evide	T; VENY AccessTALO		
DITC COCATON WT	METAN WEHT	promote or i	LIFE NEFVLE	, Next to 1 thring to	nce or unusual		
rounding Conditions of interest.)	ns*: (Mark all that	promote or i	mpede recreations	uses. Attach photos of evide	T; VENY AZZESSTĄCÓ		
rounding Conditions of interest.)	ns*: (Mark all that	promote or i	mpede recreations	uses. Attach photos of evide	nce or unusual  Campgrounds		
rounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that  □ Playgrounds □ Fence	promote or i	mpede recreations	uses. Attach photos of evide	nce or unusual  Campgrounds		
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that    D Playgrounds   State parks   D Fence	promote or i	mpede recreations	uses. Attach photos of evide	nce or unusual  Campgrounds		
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign  dence of Human Us	ns*: (Mark all that  Playgrounds  State parks  Fence	promote or i	mpede recreationa conservation lands al forests lopes	Uses. Attach photos of evide  Urban areas  Nature trails	Campgrounds		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

OTR 03-17-05

September 29, 2004

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	Date: 03-16-05
Organization: TERM TEM JAC.	Position: ASIA SATE SESENTON

JTR-03-17-05

September 29, 2004







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 47	Missouri WBID #: 47				Site Location Description:   KOVINGTON AD. SQUAD CREWENWA.			
Site GPS Coordinates:	Site GPS Coordinates: N40.1103'S W045. 23473 Ass. 144 Fb.							
	Date & Time: 03-17-05, 1530				Facility Name: US FWS SQVAW COCER NAF			
Personnel: CHAD BAAA	DOR VALADO, AND	ستارين	Permit Nun					
Current Weather Conditi			JAD Weather Co	onditions for Pas	t 7 da <b>ye:</b>	<u>.</u>		
Photo Ids: Upstream:		vnstream:		Other: 1610 - Pu	NETHE STATE	FOR		
***************************************	-							
Uses Observed*:	T					I		
	☐ Skin diving		SCUBA diving	☐ Tubit	<del></del>	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boating	Û Wadi	ng Oéd	☐ Rafting		
☐ Hunting	☐ Trapping		Fishing	E None	of the above	☐ Other:		
Surrounding Condition items of interest.)	us*: (Mark all that	promote o	r impede recreation	nal uses. Attach	photos of evider	nce or unusual		
City/county parks	☐ Playgrounds	IZ MD0	C conservation lan	ds 🗆 Urba	n areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ Natio	onal forests	☑ Natur	e trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	□ Steep	p slopes	☐ Other	:			
Evidence of Human U	·							
M Roads	☐ Foot paths/pri	ints [	☐ Dock/platform	☐ Lives	tock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Site	s [	☐ Fire pit/ring	□ NPD	ES Discharge	☐ Fishing Tackle		
☐ Other: ₩JLDLJFG								
	'					_		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

September 29, 2004

TTR 03/17/05

# Page Two - Data Sheet B for WBID # 47 ;

ream Morpho Upstream Vie	logy: w Physical Dir	nensions:				
	ith (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (A):	<del>1</del>
□ Run Wic	hth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (A):	<del></del> -
Pool Wie	ith (ft): 5 <sub>M</sub>	Length (ft): 🔑	Avg. Depth	(ft):**	Max. Depth (ft): *	
☐ Flow Pres	sent? 🗆 Yes	₩ No	Estimated (		1 (7,77	
Downetreem '	View Physical	Dimensions	**~⊤	OO DEEP TO A	EAUNG: MAX DOPTA >4	lm.
	ith (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	<u> </u>
□ Run Wid	lth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Wid	lth (ft): 5 <sub>M</sub>	Length (ft): 2	<u> </u>	<del></del>	Max. Depth (ft):	
☐ Flow Pres	sent?	☑ No	Estimated (1	ft <sup>3</sup> /sec):	· <u> </u>	·
bstrate*: (The	se values should a	aid up to 100%.) ^	VIA - Too 0 550 To 4	MEASURG	O DOOR TO MEASURE!	
N C00	70	Chavel	70 Sanu	% Silt	% Mud/Clay	% Bedroc
oter Character Odor:	ristics*: (Mark a		Chamical .	05/1		
Color:	☐ Clear	☐ Musky ☐ Green	C Chemical	None	Other:	
Bottom Deposit:	<del>-</del>		□ Gray	☐ Milky	Other:	<del></del> .
Surface Deposit:		☐ Solids	☐ Fine sediments	None	☐ Other: <sub>A/</sub> (A	<del></del>
Surface Deposit:	Oil	☐ Seum	□ Foam	☑ None	Other:	
is information is a prehensive under sion on the recrea	not to be used sole standing of water ation use analysis b	ly for removal of a conditions. Conse- out may point to co	recreational use design quently, this information anditions that need furth of my knowledge, t	nation but rather on is not intended are analysis or th	d to directly influence a nat effect another use.  mation reported on t	his UAA
ganization:_Te	ETRA TOOLS TO	hić .	Destal			
	3/17/05		Positio	n: <u>Associa</u>	76 562007367	_







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 43				Site Location Description: A7 Prav70 24 Over[A15.				
Site GPS Coordinates: N	40 JR 9 20 W045 263	145 AM) P49	Ph Photo	34 () NEW (V137				
Date & Time: 03 - 17-05	,1230			Facility Name: US FVS, SQUAU CROOK NWA Permit Number:				
Personnel: CHAD BAGO		 م <u>ریات ۵</u>	Permit Numl					
Current Weather Condit	ions: 50°F,0vancas;	YANZW,	Weather Con	Weather Conditions for Past 7 days:				
Photo Ids: Upstream: /Li46 Downstream			1615 10	15 5 Other:				
s Observed*:					***			
			SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing			Boating	☐ Wading	□ Rafting			
☐ Hunting	☐ Trapping	<del>                                     </del>		None of the above	☐ Other:			
Describe: (include numb	er of individuals red	creating, fre	quency of use, pho Man エのスパレージ	oto-documentation of evidence authors. No leaves.	e of recreational uses, etc. 13 5 3 8 16 16 16 16 16 16 16 16 16 16 16 16 16			
PANSA DETPESA TO	NOS GNA	U CABEIL	NATIONAL U	at uses. Attach photos of eviden	TESTALE USGS.			
AAGA BUTHEGN TO	NOS GNA	U CARSIL	NATIONAL U	al uses. Attach photos of evid	ence or unusual			
rounding Conditions of interest.)	ns*: (Mark ail that	promote or	impede recreation	al uses. Attach photos of evid	ence or unusual  Cl Campgrounds			
rounding Conditions of interest.)  City/county parks	ns*: (Mark ail that	promote or	impede recreation  conservation lands  nal forests	al uses. Attach photos of evid	ence or unusual			
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that  □ Playgrounds □ State parks □ Fence	promote or	impede recreation  conservation lands  nal forests	al uses. Attach photos of evid  Urban areas	ence or unusual  Cl Campgrounds			
rounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that  □ Playgrounds □ State parks □ Fence	promote or    MDC   Nation   Steep	impede recreation  conservation lands  nal forests	al uses. Attach photos of evid  Urban areas	ence or unusual  Cl Campgrounds			
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign  dence of Human Use	ns*: (Mark ail that  □ Playgrounds □ State parks □ Fence	promote or    MDC   Nation	impede recreation conservation land nal forests	al uses. Attach photos of evid  Urban areas  Nature trails  Other:	ence or unusual  Clampgrounds  Stairs/walkway			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

QTR-03/17/05

September 29, 2004

# Page Two – Data Sheet B for WBID #48:

September 29, 2004

Stream Morj Upstream			mensions: 🌣 🌣	⊋, a.o> <sub>1</sub> a. <sub>1</sub>	3,0.1⊋,0	مرا ال			
☐ Riffle	Width (ft): Length (ft):				Avg. Depth (ft):		Max. Depth	Max. Depth (ft):	
☑ Run	Width (	Width (ft): 30 Length (ft): 30 m			Avg. Depth (ft): Oal6m		Max. Depth	Max. Depth (ft): 0.13.	
☐ Pool	Width (	Width (ft): Length (ft):			Avg. Depth (ft):		Max. Depth (ft):		
☐ Flow	Present's				Estimated (ft³/sec): 4m=\$5: 4m=\$5; 4m=65				
Downstre	am Via	w Dhycical	Dimensions					= 0.55 mls	
☐ Riffle	Downstream View Physical Dimensions: 0.71,0/2  ☐ Riffle Width (ft): Length (ft):				Avg. Depth		Max. Depth	Max. Depth (ft):	
Run			Length (ft): ;	20m	Avg. Depth	(ft): 0.28m			
☐ Pool			Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):		
☑ Flow	<u> </u>				ft³/sec)։ կ <sub>ուշ</sub>	155; 4m=14s; 4m=16.			
Cubataatak.	(T)						FLOW = C		
	Cobble		add up to 100%.) 6 Gravel 70	% Sand	20	% Silt	>0 % Mud/Clay	% Bedrock	
Odor:	acterist	ics*: (Mark	all that apply.)  ☐ Musky	☐ Che	mical	□ None	☐ Other:		
Color:		☐ Clear	□ Green	☐ Gray	y	□ Milky	☐ Other:		
Bottom De	posit:	□ Słudge	□ Solids	☑ Fine	sediments	□ None	☐ Other:		
Surface De	posit:	□ Oil	🗆 Scum	☐ Foar	m	None	☐ Other:		
*This information on the comprehensive decision on the	on is not understar recreation signed, true an	to be used so nding of water n use analysis hereby aff	iely for removal or conditions. Con but may point to irm to the best	of a recreation sequently, the conditions the	al use desig is informatic at need furti  owledge, 1	nation but ra on is not inte- her analysis of that all inf	nterviews) to this f ther is to provide a monded to directly influe or that effect another un formation reporte	re nce a sc. d on this UAA	
		216	1-03 f1	7/05					



